

### **ABSTRACT**

- 5        A recombinant vaccine is described which is composed of one recombinant protein comprising F1 and V antigen of *Yersinia pestis*. This vaccine protects experimental mice against pneumonic as well as bubonic plague produced by either F1<sup>+</sup> or F1<sup>-</sup> strains of *Y. pestis* and may provide the basis for an improved human plague vaccine.